



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, August 15, 2017
Issued: 0800 CT

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*

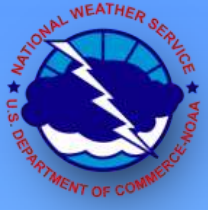


Day 1 Hazards: Marginal risk area for strong/severe storms over TX/OK Panhandles into Central OK, NE NM. Damaging winds and hail are the main threats.

Day 1 Hazards: Isolated areas of heavy rain/flash flooding across central AR

**Prepared by: Joanne Culin
817-978-1100 x 147**

Key Points



Today

- Isolated areas of heavy rain/flash flooding across central AR
- Marginal risk area for strong/severe storms over TX/OK Panhandles into Central OK, NE NM. Damaging winds and hail are the main threats.

Wednesday – Saturday

- Isolated areas of heavy rain/flash flooding across northern TX and southeast coastal LA on Wednesday.
- Marginal risk area for strong/severe storms over northeast OK. Damaging winds and hail are the main threats on Wednesday.
- Marginal risk area for strong/severe storms over TX/OK Panhandles, NE NM. Damaging winds and hail are the main threats on Thursday.
- Isolated areas of heavy rain/flash flooding across OK/TX Panhandles into the Red River Valley on Thursday.
- No significant weather expected Friday and Saturday.

Tropical Weather Outlook

- Hurricane Gert has maximum winds of 75 mph and continues moving north at 12mph. Current forecasts continue to show Gert moving away from the United States.
- An area of low pressure near the Lesser Antilles is producing showers and storms. Some development is possible as it tracks west. Formation through 48 hours is low(20%) but around 40% for the next five days.
- Another tropical wave is near the Cabo Verde Islands and some slow development could occur, with a low chance(20%) in five days.
- Another area of disturbed weather will move off Africa in a couple of days and there's a low chance (20%) for development in five days.
- NO CURRENT IMPACTS TO REGION 6 FROM THESE SYSTEMS.

*FEMA Region 6 Threat Matrix

Aug 15, 2017 - Aug 18, 2017

	TUE	WED	THU	FRI	SAT
Severe Weather	TX/OK Panhandles into Central OK, NE NM	northeast OK	TX/OK Panhandles, NE NM		
Heavy Rain / Flash Flooding	central AR	northern TX and southeast coastal LA	OK/TX Panhandles into the Red River Valley		
Heat					
River Flooding	NE TX LA				
Tropical Weather					

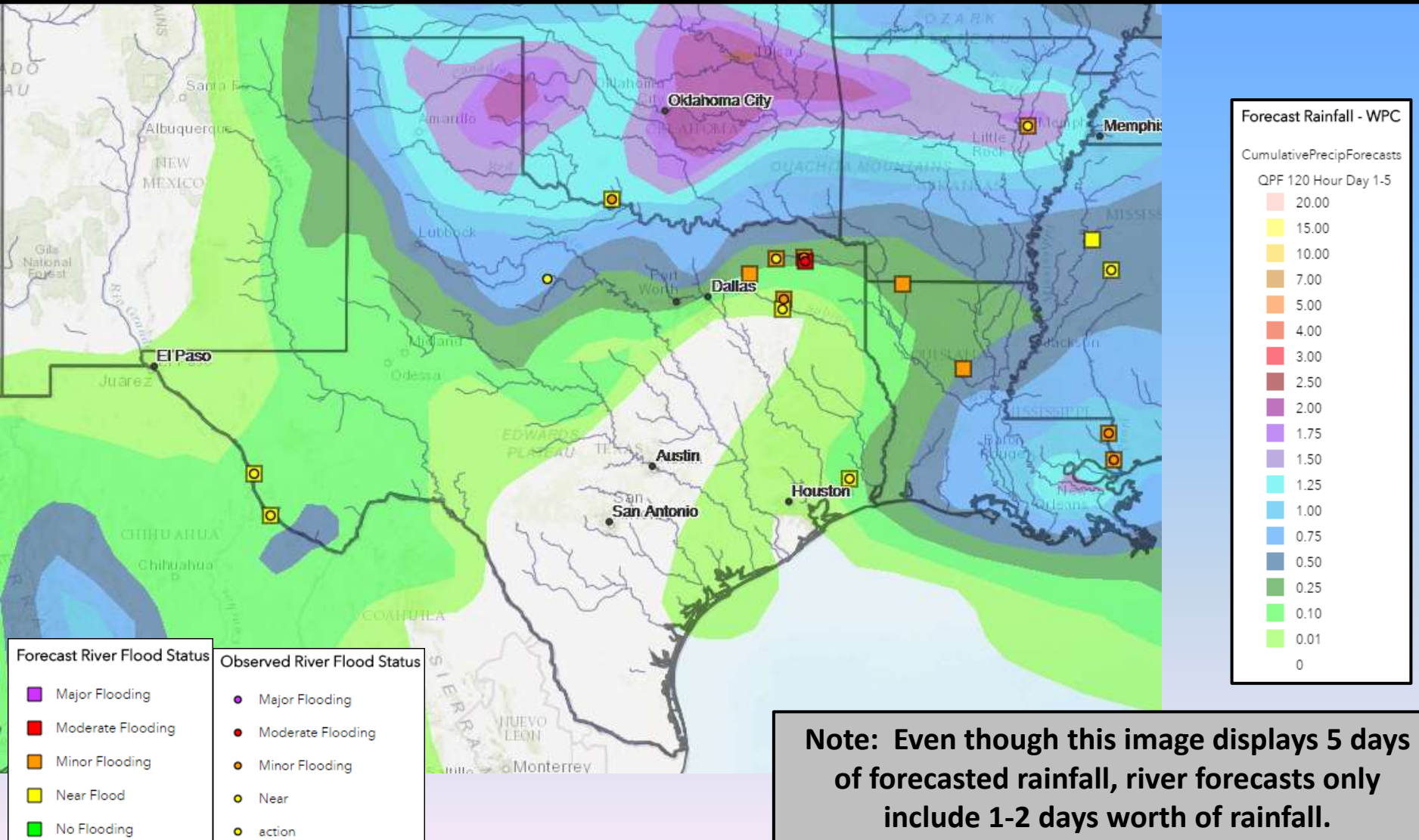
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



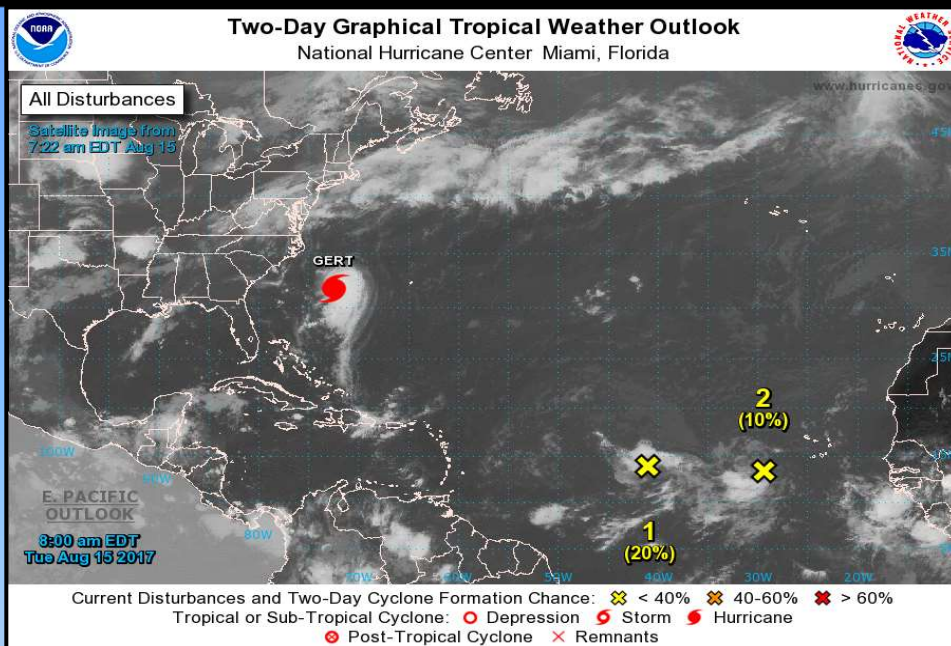
5-Day Precipitation Forecast & River Flood Status

A few river forecast points are in minor to moderate flooding from weekend rains over TX/LA.



For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook



Hurricane Gert has maximum winds of 75 mph and continues moving north at 12mph. Current forecasts continue to show Gert moving away from the United States.

A second area of low pressure, associated with a tropical wave, is also producing disorganized shower and thunderstorm activity a few hundred miles west-southwest of the Cabo Verde Islands. Environmental conditions could be conducive for some slow development of this system over the next few days while it moves westward to west-northwestward at 15 to 20 mph.

Formation chance through 48 hours...low...10%.

Formation chance through 5 days...low..20%.

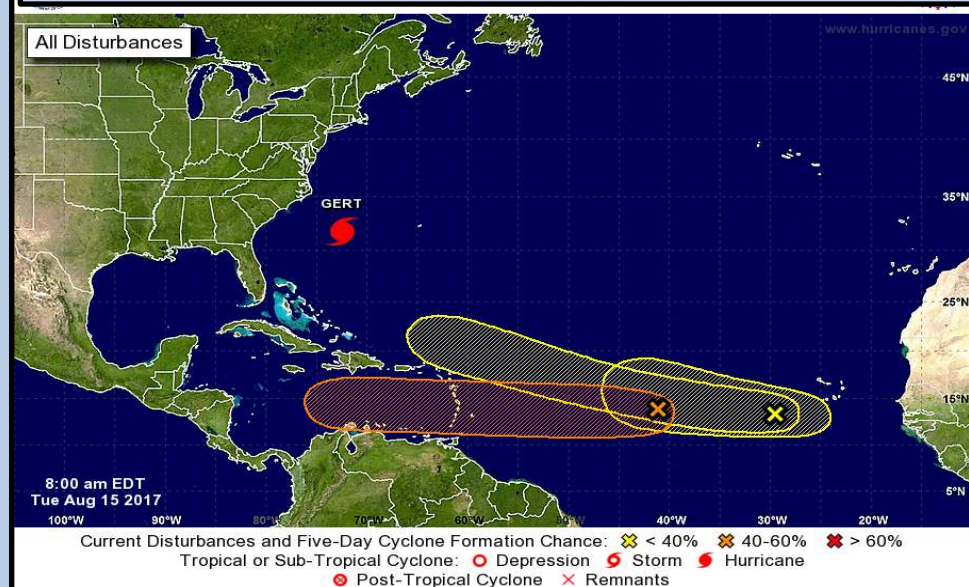
No current impacts expected to FEMA 6.

An elongated area of low pressure located more than a thousand miles east of the Lesser Antilles is producing disorganized showers and thunderstorms. This system is expected to move westward at 15 to 20 mph across the tropical Atlantic Ocean, crossing into the Caribbean Sea on Friday. Environmental conditions appear somewhat supportive of tropical cyclone formation over the next few days but should become less favorable once the system moves into the Caribbean Sea.

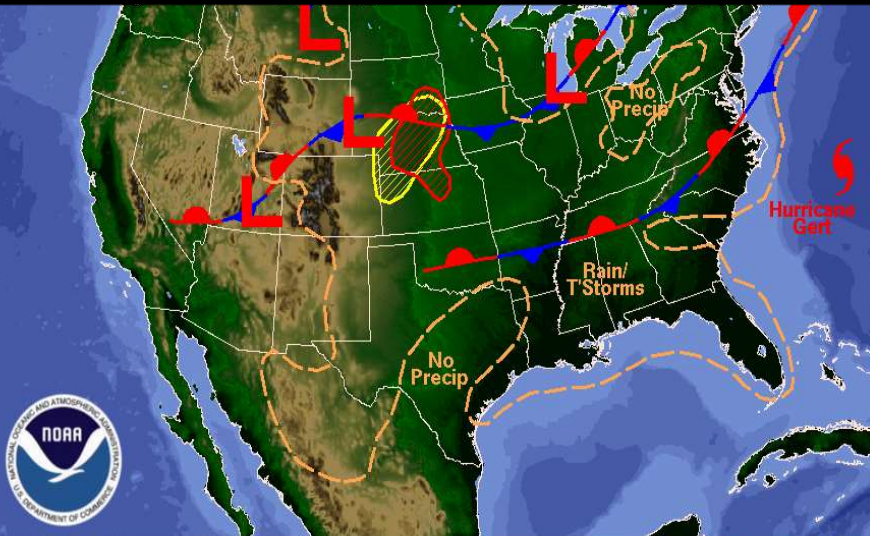
No current impacts expected to FEMA 6.

Formation chance through 48 hours...low...20%.

Formation chance through 5 days...medium..40%.



Today's Weather



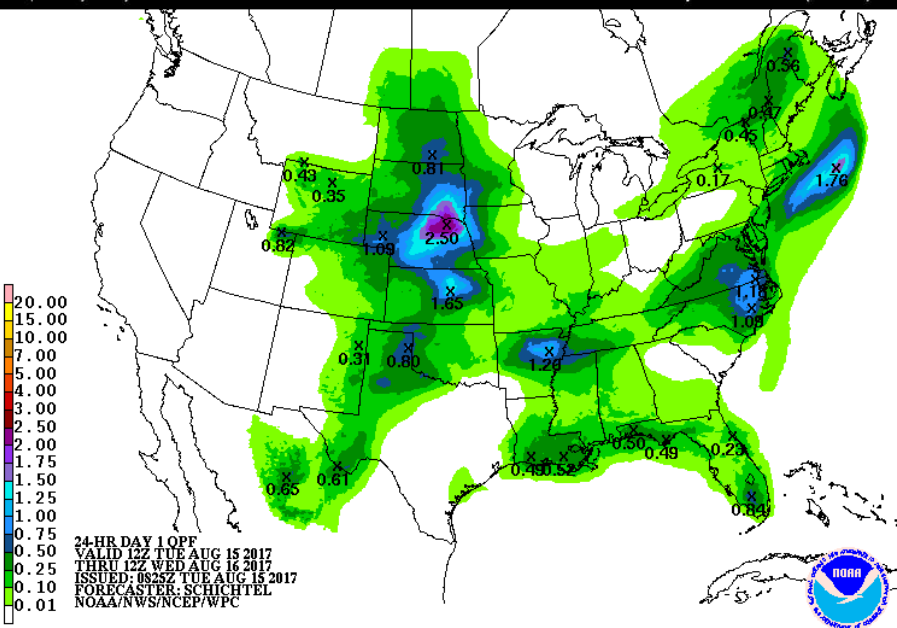
Day 1 National Forecast Chart

Valid Tue, Aug 15, 2017, Issued 4:53 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Moreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Marginal risk area for strong/severe storms over TX/OK Panhandles into Central OK, NE NM. Damaging winds and hail are the main threats.

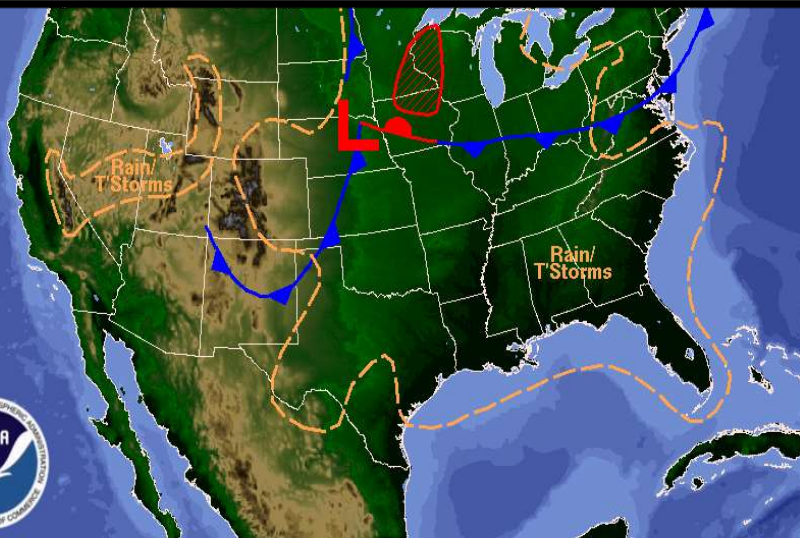
Isolated areas of heavy rain/flash flooding across central AR



24-HR DAY 1 OUTFLOW
VALID 12Z TUE AUG 15 2017
THRU 12Z WED AUG 16 2017
ISSUED: 0635Z TUE AUG 15 2017
FORECASTER: SCHUCHTEL
NOAA/NWS/NCEP/WPC



Tomorrow's Weather



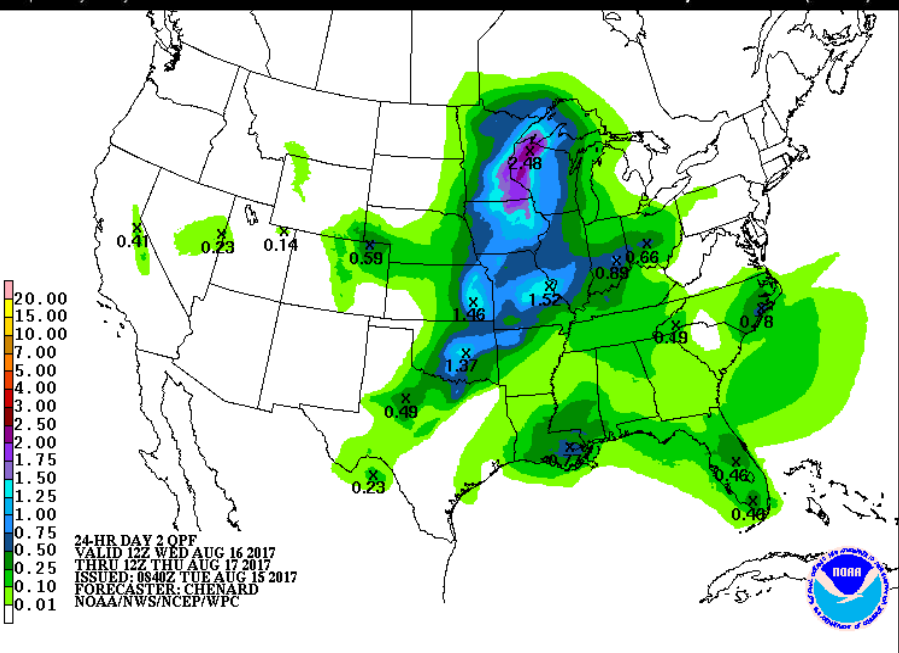
Isolated areas of heavy rain/flash flooding across northern TX and southeast coastal LA.

Marginal risk area for strong/severe storms over northeast OK. Damaging winds and hail are the main threats.

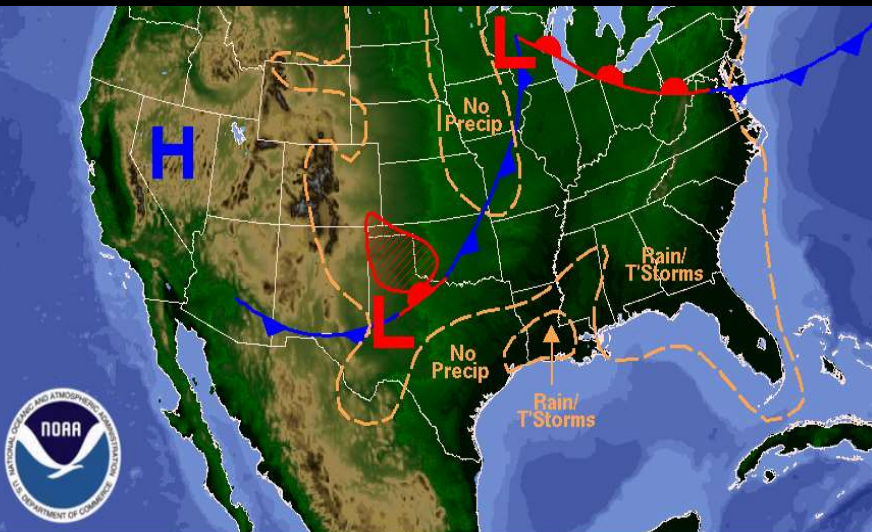
Day 2 National Forecast Chart

Valid Wed, Aug 16, 2017, issued 4:56 AM EDT Tue, Aug 15, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Moreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Thursday's Weather



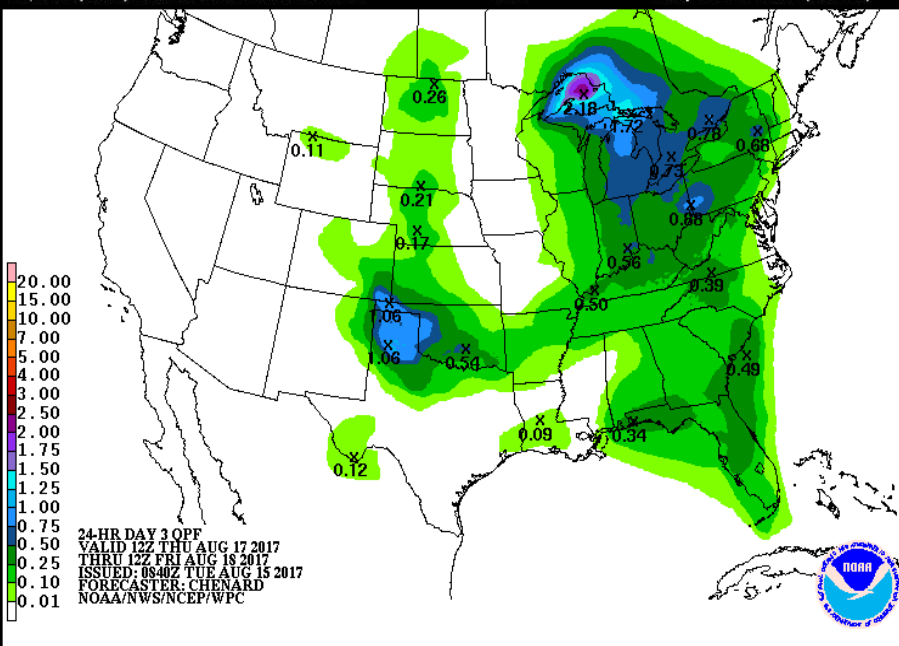
Day 3 National Forecast Chart

Valid Thu, Aug 17, 2017, issued 4:59 AM EDT Tue, Aug 15, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Marginal risk area for strong/severe storms over TX/OK Panhandles, NE NM. Damaging winds and hail are the main threats.

Isolated areas of heavy rain/flash flooding across OK/TX Panhandles into the Red River Valley.

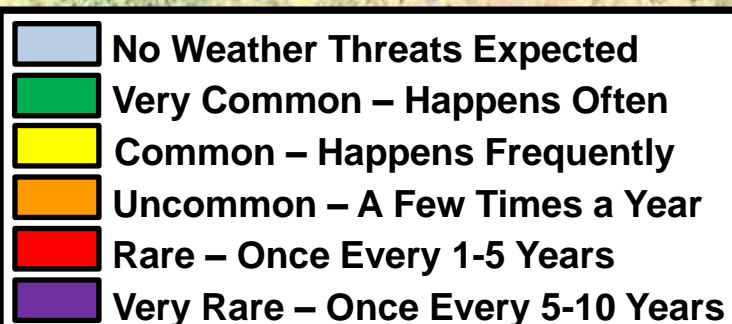


Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



No Significant Weather Impacts.

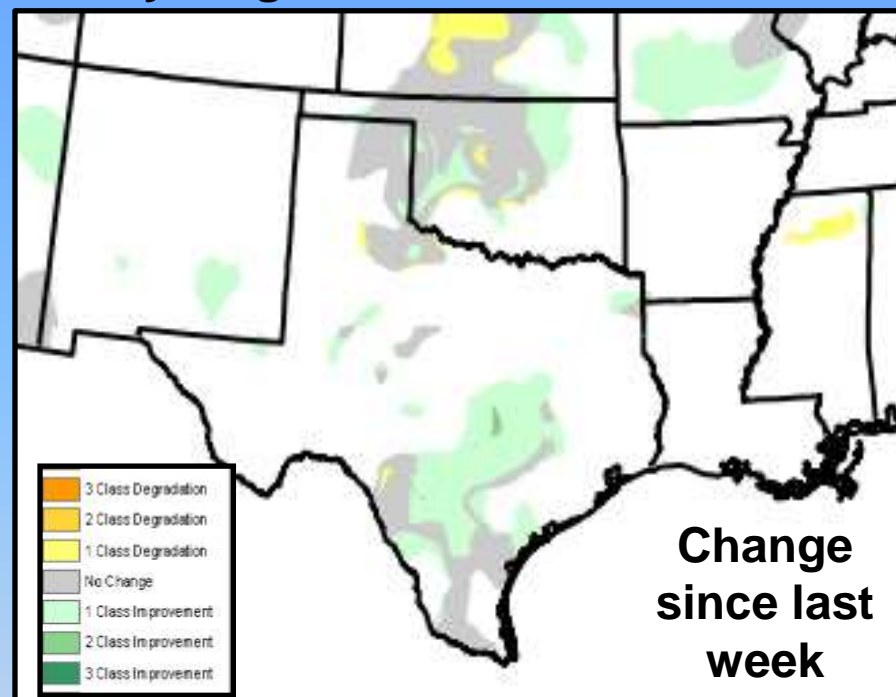
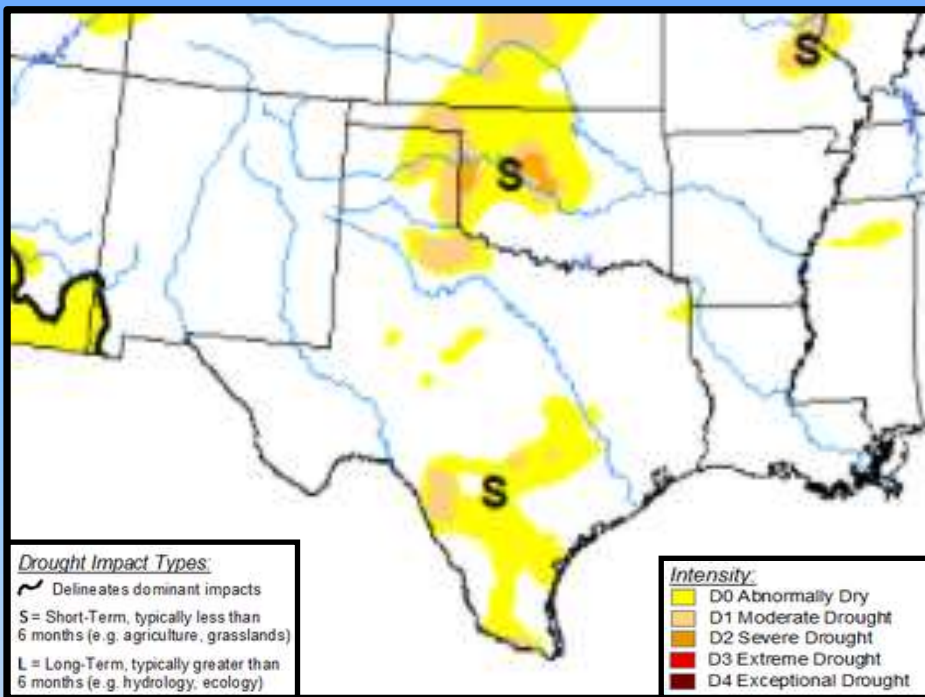


***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**



Drought Monitor Released 10 August, 2017

Data valid as of 7am CDT, Tuesday, August 8, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

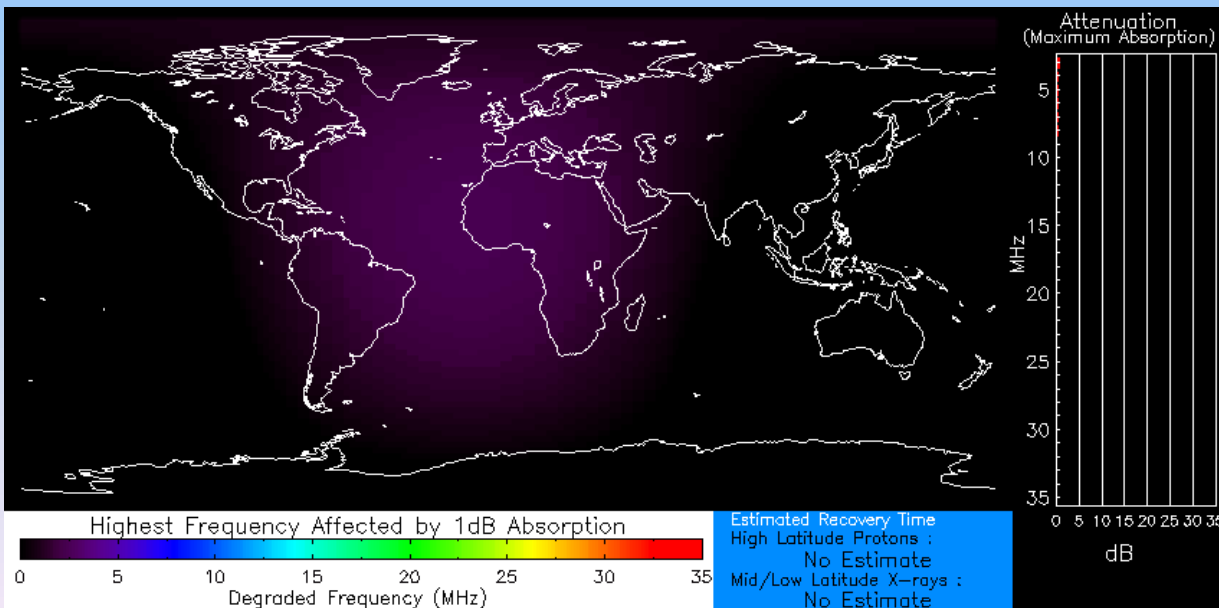
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Active (Max Kp = 4)	Minor (G1) storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms